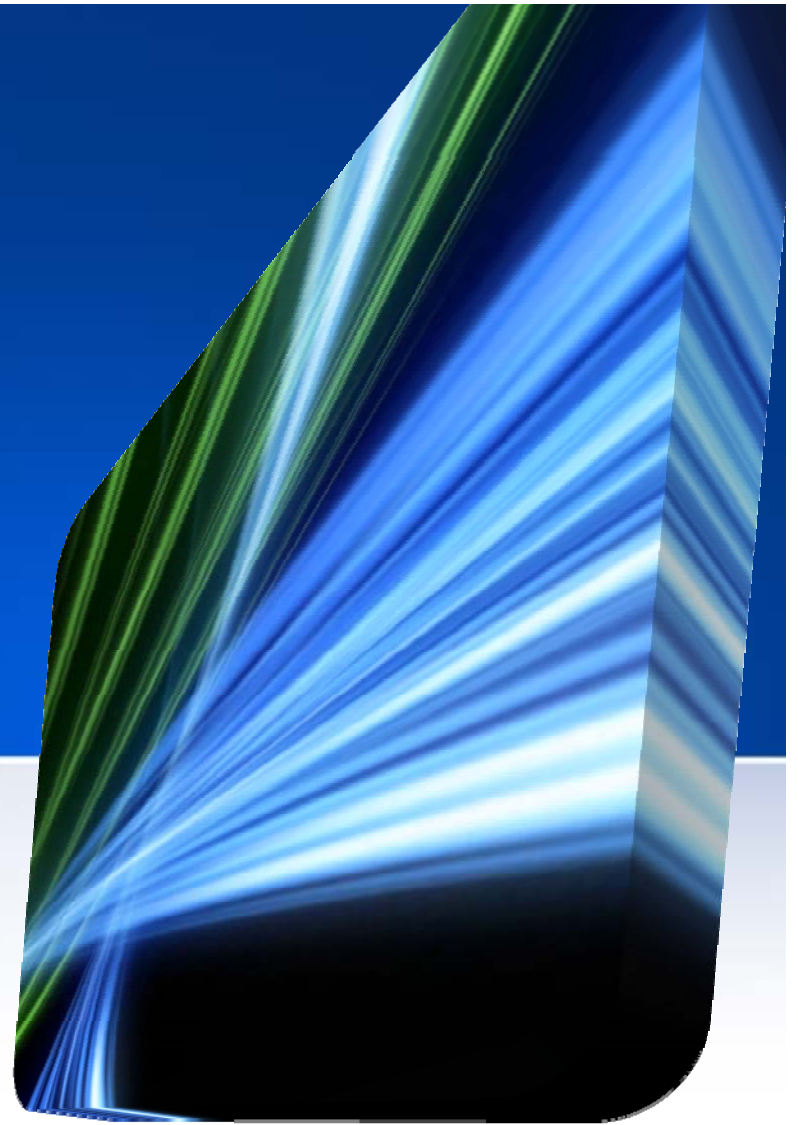
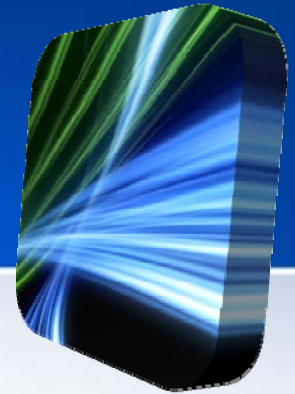


Martha Huizenga – DC Access, LLC



Our Company



- Founded in 1999, by Matt Wade
- DC Access is a local ISP headquartered on Capitol Hill in DC
- Offering Internet Access and web hosting
- DC Access offers WiFi broadband access directly to residents, businesses and multi-tenant residential and commercial units in Capitol Hill and North Dupont/Adams Morgan neighborhoods
- DC Access has earned a reputation for offering reliable, affordable and personal service to its customers.

Bio – Martha Huizenga

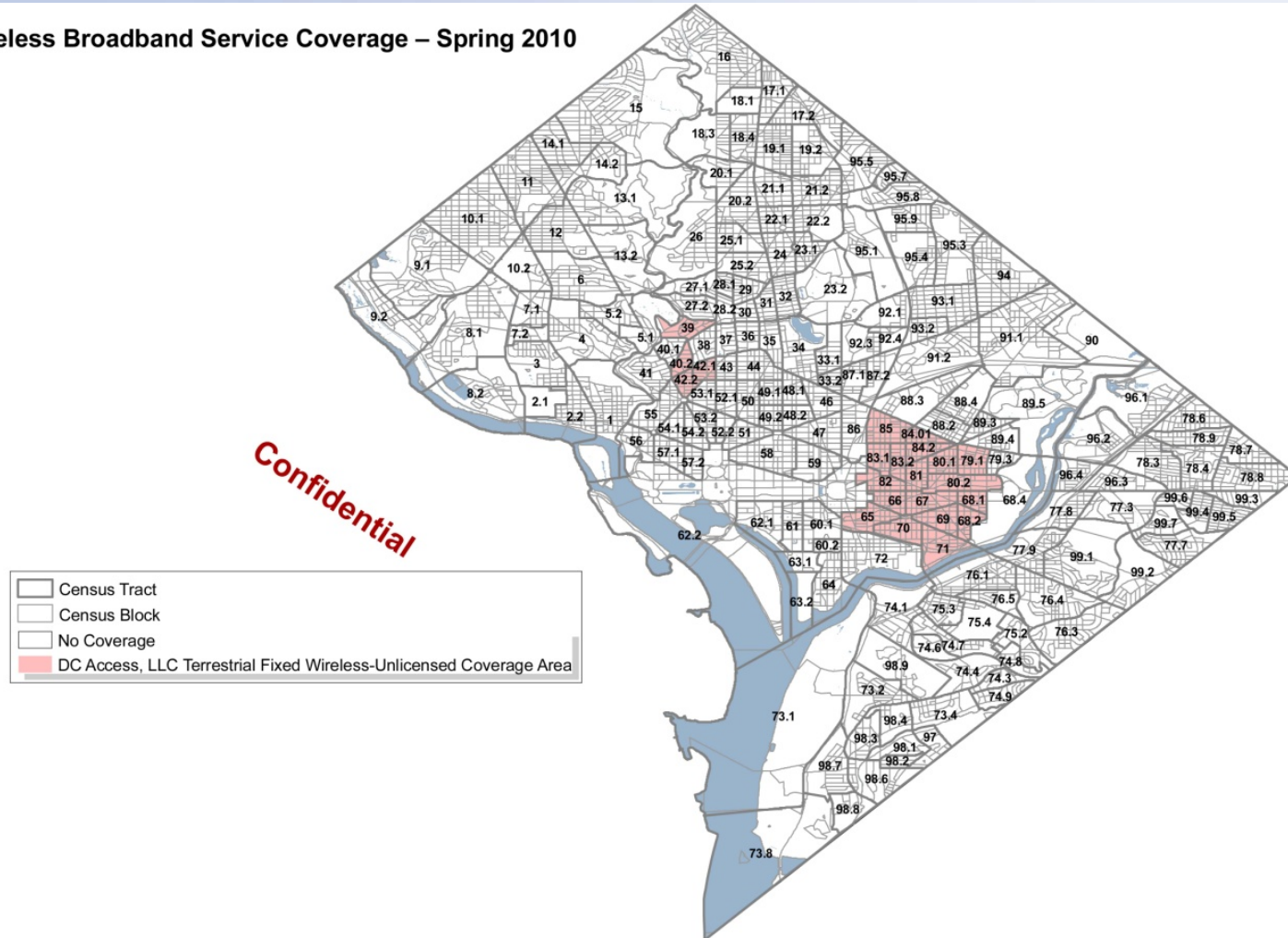


- Responsible for DC Access marketing and operations
- Involved in the CALEA Committee for WISPA
- Over 14 years of telecom experience in OSS/billing
- Held positions in product development, marketing and sales at
 - MCI (now Verizon)
 - Kenan Systems Corporation (now Comverse)
 - TeleCon, LLC
 - Vibrant Solutions (now TEOCO)
- Master's degree in accounting - Roosevelt University
- BA - business admin and physical education - Cornell College

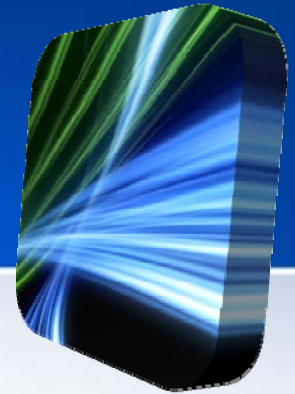
DC Access Coverage Map



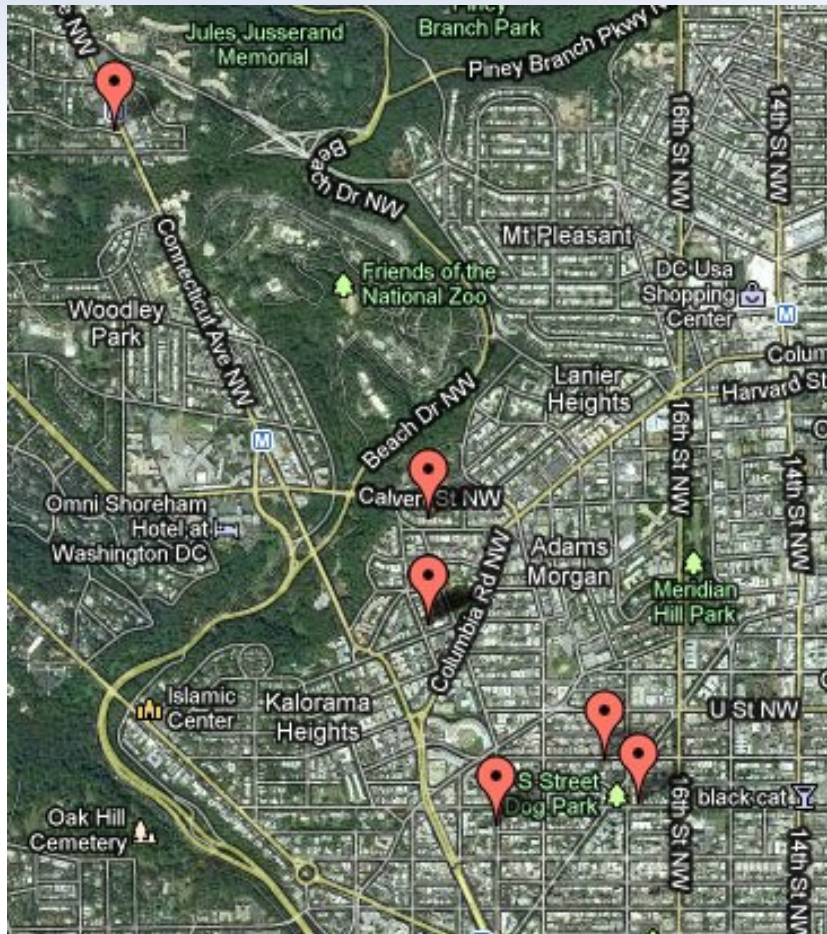
Wireless Broadband Service Coverage – Spring 2010



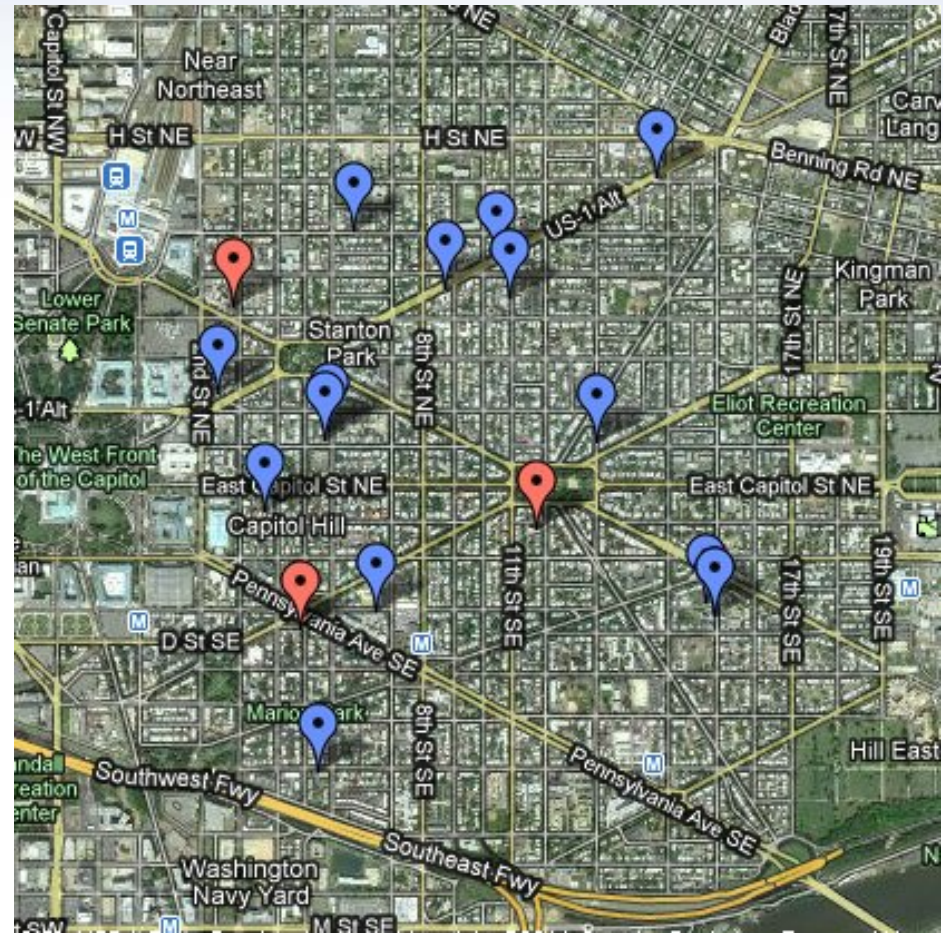
DC Access Network



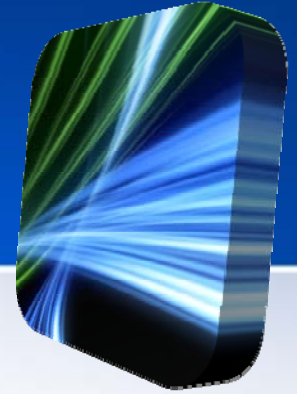
Northwest



Capitol Hill

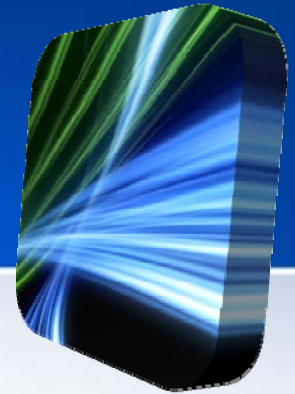


DC Access Architecture



- Currently using a mixture of unlicensed equipment from Tranzeo, Mikrotik and Ubiquiti
- Distribution points or POPs are taller apartment buildings and condominiums
- We generally use 2.4 Ghz for point-to-multipoint and 5.8 Ghz for internal network links

DC Access Challenges



- Exemption areas for 3.65, TV White Spaces and TDWR
 - The more restrictive these areas are the greater the burden on urban WISPs
- Net Neutrality issues
 - This issue should be handled fairly for both sides
 - ISPs shouldn't be able to block or prioritize content
 - Content Providers should only be able to charge end users
- Backhaul bandwidth
 - As the definition of broadband changes and consumers expect higher speeds, all providers will need more bandwidth.
 - Expense of bandwidth in urban areas challenges our ability to provide higher speeds in a timely manner

Contact



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Partner

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